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Attorney Docket No. 14538A-004010US  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of:

JONATHAN A. COOPER et al.

Application No.: 09/486,293

Filed: August 22, 2000

For: ISOLATION AND EXPRESSION  
OF A DISABLED PROTEIN GENE  
MdaB1 AND METHODS

Examiner: M. Monshipouri

Art Unit: 1652

**RESPONSE TO NOTICE TO  
COMPLY WITH SEQUENCE  
DISCLOSURE**

Assistant Commissioner for Patents  
Box 2327  
BOX SEQUENCE  
Arlington, Virginia 22202

Dear Sir:

In response to the "Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated September 20, 2002, please substitute the enclosed Sequence Listing for the Sequence Listing in currently in the specification. Also enclosed is a computer disk containing the new Sequence Listing.

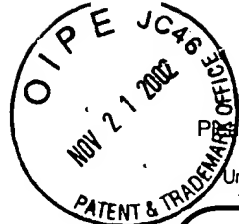
Pursuant to 37 CFR §1.821(f) and (g), it is believed that the content of the replacement paper sequence listing and the computer readable sequence listing are the same. Further, the present submission of the substitute pages and computer disk are not believed to constitute new matter. Please charge (or credit) any fees associated with this response to the firm's Deposit Account No. 20-1430. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 206-467-9600.

Respectfully submitted,

Dated: 18 November 2002

By: [Signature]  
Brian W. Poor  
Reg. No. 32,928

TOWNSEND and TOWNSEND and CREW LLP  
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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/486,293
	Filing Date	February 22, 2000
	First Named Inventor	Cooper, Jonathan A.
	Group Art Unit	1652
	Examiner Name	M. Monshipouri
Total Number of Pages in This Submission	Attorney Docket Number	14538A-004010US

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input checked="" type="checkbox"/> Response to Sequence Disclosure	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input checked="" type="checkbox"/> Sequence Diskette (1)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard  Sequence Listing (1-21)
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm and Individual name	Townsend and Townsend and Crew LLP Brian W. Poor Reg. No. 32,928	
Signature	<i>Brian W. Poor</i>	
Date	18 November 2002	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: <u>November 18, 2002</u>		
Typed or printed name	Ixaida Angelie Rivera	
Signature	<i>Ixaida Angelie Rivera</i>	Date   November 18, 2002

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